

Begin

Reel # 493
Segal, V.S.

SEGAL, V.S.
AL-KASHI, Dzhemshid Giyaseddin [Al-Kāshī, Jamshid Ben Mas'ūd]; ROZENFEL'D,
B.A. [translator]; SEGAL, V.S., redaktor; YUSHKEVICH, A.P.,
redaktor; RAZUMOVSKAYA, A.P., redaktor; MURASHOVA, N.Ya., tekhnicheskii redaktor

[Key to arithmetic. Treatise on the circumference. With a supplement containing the Arabic manuscripts of both treatises, Translated from the Arabic] Kliuch arifmetiki. Traktat ob okruzhnosti. Perevod s arabskogo B.A.Rozenfel'da. Red. V.S.Segalia i A.P.Ushkevicha. Kommentarii A.P.Ushkevicha i B.A.Rozenfel'da. S prilozheniem reproduksii arabskikh rukopisei oboikh traktatov. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 566 p. (MLA 10:7)
(Geometry, Plane)

2
SEGAL, V.S., inzh.; RYAUZOV, M.P.

Mechanized laying of concrete gutters of landing and take-off strips.
Avt. dor. 26 no.2:10-11 F'63. (MIRA 16:4)
(Airport drainage) (Concrete construction)

SEGAL, V.S., inzh.; RYAUZOV, M.P., inzh.

Magnetic mercury relay for regulating the supply of loose materials
and fluids. Avt.dor. 26 no.9:28-29 S '63. (MIRA 16:10)

SEGAL, V.S., inzh.; PARAMONOV, V.I., inzh.

Unit for heating winter shelters. Avt.dor. 26 no.10:26 0 '63.
(MIRA 16:11)

PERVENTSEV, A., pisatel', ; MDIVANI, G., pisatel', ; KLEBANOV, S.;
EL'SHTREM, A.; ROSTOTSKIY, S., rezhisser; SEGAL, Ya., rezhisser;
BYSTRITSKAYA, L., aktrisa; USHAKOVA, V., aktrisa; PUGOVKIN, Mikh., akter;
TIKHONOV, S., akter; ZAKHARCHENKO, V., akter; GINZBURG, V.,
kino-operator; DUL'TSEV, V., kino-operator; SVETUZAROV, Ya., direktor
kartin; MARON, V., direktor kartin.

We speak to you, radio amateurs! Radio no. 6:3 Je '58. (MIRA 11:7)
(Radio--Receivers and reception)

SEGAL, Ya. [deceased]

Changes in the industrial production of capitalist countries.

Vop.ekon. no.5:82-96 My '56.

(MLRA 9:8)

(Economic conditions)

SEGAL, Ya., metodist; SHPARTOV, M.; GLINSKIY, B.I.; PEREGUD, A.

Letters and notes. Zdrav.Bel. 8 no.7:92-93 J1 '62.

(MIRA 15:11)

1. Grodnenskiy oblastnoy Dom sanitarnogo prosveshcheniya (for Segal). 2. Zaveduyushchiy otделom propagandy i agitatsii Klichevskogo rayonnogo komiteta Kommunisticheskoy partii Belorussii (for Shpartov). 3. Zaveduyushchiy Leshchinskim fel'dshersko-akusherskim punktom Minskoy oblasti (for Glinskiy).

(MEDICINE)

MURGULESKU, I.G. [Murgulescu, I.G.] akademik; SEGAL, Ye.I. [Segal, E.I.]

Kinetics of thermal decomposition of some complex amines. Rev
chimie 8 no.1:51-58 '63.

1. Laboratoriya Fizicheskoy khimii Bukharestskogo universiteta.

ABERSON, M.L., inzh.; SEGAL, Ye.I., inzh.

Rectifying device for switching-on high-voltage switches. Prom.
energ. 20 no.1:11-15 Ja '65. (MIRA 18:4)

VASILENKO, D.M.; SEGAL, Ye.M.

Machine for edgewise bending of strips. Mashinstroitel' no.8:21
Ag '60. (MIRA 13:9)
(Bending machines)

SEGAL, Ye. R.

Dissertation: "Technological Fundamentals of Drying Tomato Products by Infrared Rays and the Contact Process." Cand Tech Sci, Moscow Technological Inst of the Food Industry, 26 May 54. Vechernya, Moskva, Moscow, 17 May 54.

SO: SUM 284, 26 Nov 1954

SEGAL, Ye. R. kandidat tekhnicheskikh nauk.

Technological principles in drying tomato products by thermal
irradiation and contact. Trudy VNIKOP no.6:124-134 '56.

(MLRA 10:5)

(Tomatoes--Drying)

SEGAL, Yu.M., inzh.

Results of experience in the installation of the SVK-150-1 turbine.
Energ. stroi. no.1:28-34 '59. (MIRA 13:2)

1. Mosenergomontazh.
(Cherepet--Electric power plants)
(Steam turbines)

ACC NR: AR6021240

(N)

SOURCE CODE: UR/0398/66/000/002/A017/A017

AUTHOR: Segal, Z. B.

TITLE: Determination of resultant speeds in the range of a cycloidal propeller with finiteness of blade length considered 26

SOURCE: Ref. zh. Vodnyy transport, Abs. 2A103

REF SOURCE: Sb. Ekon. i organiz. perevozok. Sudostr. i sudoremont. M.-L., Transport, 1965, 77-86

TOPIC TAGS: propulsion device, propulsion engineering, propulsion R and D, propulsion research facility, propulsion system test, ship component, magnetohydrodynamics

ABSTRACT: The eddy diagram for a lightly loaded cycloidal propeller with a finite blade length and arbitrary function of circulation of the associated eddy is reviewed. The expressions for resultant speeds are integrated for some special cases, design formulas are obtained, and the numerical results are cited. The design values for the resultant speeds are compared with experimental data obtained using the magneto-hydrodynamic analogy (MAGDA) installation in the Leningrad Water Transportation Institute. 5 figures. Bibliography of 6 titles. [Translation of abstract]

SUB CODE: 13,20

Card 1/1

UDC: 629.12:532.582.5.039

SAZONOV, N.I., nauchnyy red.; SEGAL', Z.G., vedushchiy red.; YASHCHUR-ZHINSKAYA, A.B., tekhn.red.

[Utilization of gas in steam power plants] Ispol'zovanie gaza v teplosilovykh ustanovkakh; trudy nauchno-tekhnicheskogo soveshchaniia. Leningrad, Gos.nauchno-tekhn.izd-vo nef. i gornotoplivnoi lit-ry. Leningr.otd-nie. No.2. 1959. 203 p.
(MIRA 12:12)

1. Nauchno-tekhnicheskoye obshchestvo energeticheskoy promyshlennosti. Tsentral'noye pravleniye.
(Gas, Natural) (Steam engineering)

SOKOLOV, Valentin Nikolayevich; SAKS, V.N., nauchnyy red.; SEGAL, Z.G.,
vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Geology, and oil and gas potentials of the Arctic portion of
the West Siberian Plain] Geologiya i perspektivy neftegazonosnosti
arkticheskoi chasti Zapadno-Sibirskoi nizmennosti. Leningrad.Gos.
nauchn.-tekhn. izd-vo nefte i gorno-toplivnoi lit-ry. Leningr.otd-
nie, 1960. 153 p. (Leningrad.Nauchno-issledovatel'skii institut
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1. Chlen-korrespondent AN SSSR (for Saks).
(Russia, Northern--Petroleum geology)
(Russia, Northern--Gas, Natural--Geology)

BROD, I.O., prof., doktor geologo-mineral.nauk, red.; ALYAYEV, S.Ye..
nauchnyy red.; SEGAL', Z.G., vedushchiy red.; GENNAD'YEVA,
I.M., tekhn.red.

[Transactions of the Southern Geological Expedition, 1956]
Trudy Kompleksnoi iuzhnoi geologicheskoi ekspeditsii, 1956.
Pod red. I.O.Broda. Leningrad, Gos.nauchno-tekhn.izd-vo
neft. i gorno-toplivnoi lit-ry. Leningr.otd-nie. No.5.
[Geology, and oil and gas potentials of the southern U.S.S.R.;
Turkmenistan and western Kazakhstan] Geologiya i neftegazo-
nosnost' IUGa SSSR; Turkmenistan i Zapadnyi Kazakhstan. 1960.
441 p. (MIRA 13:8)

1. Kompleksnaya Yuzhnaya geologicheskaya ekspeditsiya, 1956.
(Turkmenistan--Petroleum geology)
(Turkmenistan--Gas, Natural--Geology)
(Kazakhstan--Petroleum geology)
(Kazakhstan--Gas, Natural--Geology)

SULIMOV, Ivan Nikiforovich; PRITULA, Yu.A., nauchnyy red.; SEGAL', Z.G.,
vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Key wells of the U.S.S.R; Zhigalovo key well (Eastern Siberia)]
Opornye skvazhiny SSSR; ZHIGALOVSKAIA OPORNAIA SKVAZHINA (Vostochnaia Sibir'). Leningrad, Gos.nauchno-tekhn.izd-vo neft.i gornotoplivnoi lit-ry. Leningr.otd-nie, 1961. 90 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.173). (MIRA 14:12)

(Zhigalovo region (Irkutsk Province)--Petroleum geology)

(Zhigalovo region (Irkutsk Province)--Gas, Natural--Geology)

MUSHENKO, Dmitriy Vasil'yevich; LEVINA, Mariya Ivanovna; LEVIN, S.Z.,
nauchnyy red.; SEGAL', Z.G., ved. red.; SAFRONOVA, I.M.,
tekhn. red.

[Petroleum refining without mazut] Bez mazutnaia pererabotka
nefti. Leningrad, Gos.nauchno-tekhn.izd-vo neft. i gorno-
toplivnoi lit-ry, 1961. 116 p. (MIRA 15:2)
(Petroleum—Refining) (Mazut)

ALEKSANDROV, Aleksandr Nakhimovich, red.; DEMENT'YEVA, Marianna Ivanovna;
SHMULYAKOVSKIY, Yakov Emmanuilovich; SEGAL', Z.G., ved. red.;
SAFRONOVA, I.M., tekhn.red.

[Methods for analyzing the products of petroleum refining and
petrochemical synthesis] Metody issledovaniia produktov neftepe-
rerabotki i neftekhimicheskogo sinteza. Leningrad, Gostoptekh-
izdat, 1962. 231 p. (MIRA 16:1)
(Petroleum products) (Petroleum chemicals)

MIKHEYEV, Vikentiy Pavlovich; GLOZSHTeyN, Ya.S., nauchnyy red.;
SEGAL', Z.G., ved. red.; YASHCHURZHINSKAYA, A.B., tekhn.
red.

[Burning of natural gas in industrial units] Szhiganie prirod-
nogo gaza v promyshlennykh ustanovkakh. Leningrad, Gostoptekh-
izdat, 1962. 231 p. (MIRA 15:7)
(Gas as fuel) (Gas burners)

KURYUKIN, Serafim Andreyevich; GLOZSHTYIN, Ya.S., nauchnyy red.;
SEGAL', Z.G., ved. red.; YASHCHURZHINSKAYA, A.B., tekhn.
red.

[Systems of gas supply to consumers]Sistemy gazosnabzheniia
predpriatii. Leningrad, Gostoptekhizdat, 1962. 293 p.
(MIRA 15:11)

(Gas, Natural--Pipelines)

VOROTNIKOV, Igor' Nikolayevich; GLYADENOV, Viktor Petrovich; RIST,
A.K., nauchnyy red.; SEGAL', Z.G., ved. red.; SAFRONOVA, I.M.,
tekh. red.

[Mechanization of labor consuming processes on tank farms] Me-
khanizatsiia trudoemkikh protsessov na neftebazakh. Izd.2., perer.
i dop. Leningrad, Gostoptekhizdat, 1962. 314 p. (MIRA 15:6)
(Petroleum--Storage)

DEMENITSKAYA, Raisa Mikhaylovna; FEDYNSKIY, V.V., doktor fiz.-matem.nauk,
nauchnyy red.; REYKHERT, L.A., vedushchiy red.; SEGAL', Z.G.,
vedushchiy red.; GENNAD'YEVA, I.M., tekhn.red.

[Basic characteristics of the crustal structure based on
geophysical data] Osnovnye cherty stroeniya kory zemli po
geofizicheskim dannym. Leningrad, Gos. nauchn.-tekhn.
izd-vo. neft. i gorno-toplivnoi lit-ry. Leningr. otd-nie.
1961. 221 p. (Leningrad. Nauchno-issledovatel'skii institut
geologii arktiki. Trudy, vol.115).
(Earth--Surface)

BOL'SHAKOV, Gennadiy Fedorovich; GLEBOVSKAYA, Yekaterina Aleksandrovna;
USPENSKIY, V.A., nauchnyy red.; SEGAL', Z. I. ved. red.;
SAFRONOVA, I.M., tekhn. red.

[Heterogeneous organic compounds of jet propulsion fuels] Getero-
organicheskie soedineniya reaktivnykh topliv. Leningrad, Gos-
toptekhnizdat, 1962. 219 p. (MIRA 16:2)
(Airplanes---Fuel)

KROTOVA, Valentina Artem'yevna; SEGAL', Z.G., vedushchiy red.;
SAFRONOVA, I.M., tekhn.red.

[Hydrogeological factors in the formation of oil fields
as exemplified by the cis-Ural region] *Gidrogeologicheskie
faktory formirovaniia neftiannykh mestorozhdenii (na primere
Predural'ia). Leningrad Gos. nauchn.-tekhn. izd-vo neft.
i gorno-toplivnoi lit-ry, Leningr. otd-nie. 1962. 327 p.
(Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii
geologorazvedochnyi institut. Trudy, no.191). (MIRA 15:11)
(Ural Mountain region--Oil field brines)*

BARSHCHEVSKIY, Mark Moiseyevich; BEZMOZGIN, Emmanuil Samuilovich;
SHAPIRO, Roal'd Natanovich; SINEL'NIKOV, A.S., nauchnyy
red.; SEGAL', Z.G., ved. red.; YASHCHURZHINSKAYA, A.B.,
tekhn. red.

[Handbook on refining oil shales] Spravochnik po pererabotke
goriuchikh slantsev. [By] M.M. Barshchevskii, E.S. Bezmozgin, R.N.
Shapiro, Leningrad, Gostoptekhizdat, 1963. 238 p.
(MIRA 16:3)

(Oil shales)

VASILENKO, V.K.; LEVCHENKO, I.G.; SEGAL, Z.G., vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Key wells of the U.S.S.R.; Zaysan Well (East Kazakhstan Province)]
Zaisanskaia opornaia skvazhira. (Vostochno-Kazakhstanskaia oblast').
Leningrad, Gos. nauchno-tekhn. izd-vo nef. i gorno-toplivnoi lit-ry,
Leningr. otd-ie. 1962. 149 p. (Leningrad. Vsesoiuznyi neftianoi
nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.187)
(MIRA 15:12)

(East Kazakhstan Province--Petroleum geology)

SIMAKOVA, Tat'yana Leonidovna; KOLESHNIK, Zosya Antonovna; SEGAL', Z.G.,
vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Bacteria of the formation waters, petroleum, and rocks of oil fields
of the U.S.S.R.] Bakterii plastovykh vod, neftei i porod neftiannykh
mestorozhdenii SSSR. Leningrad, Gostoptekhizdat, 1962. 87 p. (Leningrad.
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institut. Trudy, no.199) (MIRA 16:3)
(Oil fields—Microbiology)

BOBKOVA, Natal'ya Nikolayevna; KIPARISOVA, L.D., nauchnyy red.; SEGAL', Z.G.,
vedushchiy red.; SAFRONOVA, I.M., tekhn.red.

[Late Cretaceous oysters in the Tajik Depression] Pozdnyemalovye
ustritsy Tadzhikskoi depressii. Leningrad, Gostoptekhizdat, 1961.
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vol. 50). (MIRA 16:3)

(Tajik Depression--Oysters, Fossil)

LYUTKEVICH, Yevgeniy Mikhaylovich; LOBANOVA, Ol'ga Vasil'yevna; STEPANOV, D.L.,
nauchnyy red.; SEGAL', Z.G., vedushchiy red.; GENNAD'YEVA, I.M.,
tekhn.red.

[Permian pelecypods in the Soviet portion of the Arctic region]
Peletsipody Permi Sovetskogo sektora Arktiki. Leningrad.
Gostoptekhzdat, 1960. 293 p. (Leningrad. Vsesoyuznyi neftianoi
nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy,
no.149). (MIRA 16:8)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologorazva-
dochnyy institut (for Lyutkevich). 2. Nauchno-issledovatel'skiy
institut geologii Arktiki (for Lobanova).
(Russia, Northern--Lamellibranchiata, Fossil)

VITENKO, Vadim Aleksandrovich; POLYAK, Revera Yakovlevna; SEGAL', Z.G.,
vedushchiy red.

[Northern Lugansk key well (Lugansk Province)] Severo-Luganskaia
opornaia skvazhina (Luganskaia oblast'). Leningrad, Gostoptekhizdat,
1963. 135 p. (Vsesoiuznyi neftianoi nauchno-issledovatel'skii
geologorazvedochnyi institut. Trudy, no.22?). (MIRA 17:4)

ANISIMOV, Vasiliy Vladimirovich; KRINITSYN, Mikhail Isaakovich;
SEVAST'YANOV, M.I., nauchn. red.; SEGAL', Z.G., ved.
red.; DEM'YANENKO, V.I., tekhn. red.

[Construction of main water conduits in permafrost areas]
Stroitel'stvo magistral'nykh truboprovodov v raionakh
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(MIRA 17:1)

BRUNSHTEYNS, Boris Anatol'yevich; KLIMENKO, Vladimir Leonidovich;
TSYRKIN, Yefim Borisovich; RUDKOVSKIY, D.M., nauchn.red.;
SEGAL', Z.G., ved.red.; DEM'YANENKO, V.I., tekhn.red.

[Production of alcohols from petroleum and gas] Proizvod-
stvo spirtov iz nefnianogo i gazovogo syr'ia. Leningrad,
Izd-vo "Nedra," 1964. 199 p. (MIRA 17:3)

PESHTICH, Ye.L.; PREOBRAZHENSKAYA, G.S.; IVANOVA, K.P.; SEGAL', Z.G.,
vedushchiy red.; NERUCHEV, S.G., red.; DEM'YANENKO, V.I., tekhn.red.

[Study of the conditions of the formation of the oil pools of the
southeastern Volga-Ural region] Issledovaniia uslovii formirovaniia
zalezhei nefti iugo-vostoka Volgo-Ural'skoi oblasti. Leningrad.
Gostoptekhizdat, 1963. 137 p. (Leningrad. Vsesoiuznyi neftianoi
nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy,
no.216). (MIRA 16:12)

KUDLITSKIY, Mikhail Afanas'evich; KUCH'KOV, A.I., red.; BARKIN,
S.P., red.; TIKHOMIROV, Ye.N., red.; NITROFANOV, I.A.,
red.; NECHAYEV, M.A., red.; LEGAL', Z.G., ved. red.

[Safety technique on main gas pipelines] Tekhnika bez-
opasnosti na magistral'nom gazoprovode. Leningrad, Izd-
vo "Nedra," 1964. 106 p. (MIRA 17:8)

SHUR, Isaak Asriyevich; ROSHCINA, V.N., nauchn. red.; SEGAL',
Z.G., ved. red.

[Methods for increasing the safety of boilers operating
on gas fuel] Sredstva povysheniia bezopasnosti raboty ga-
zifitsirovannykh kotel'nykh. Leningrad, Nedra, 1964.
185 p. (MIRA 17:12)

FAYNGOL'D, Samuil Isaakovich; TSYSKOVSKIY, V.K., nauchn. red.;
SEGAL', Z.G., ved. red.

[Synthetic cleaning compounds from petroleum and shale stock]
Sinteticheskie moiushchie sredstva iz neftianogo i slantse-
vogo syr'ia. Leningrad, Nedra, 1964. 286 p. (MIRA 17:5)

MITROFANOV, Ivan Andreyevich; BARMIN, S.F., nauchn. red.; SEGAL',
Z.G., ved. red.

[Maintenance of the linear portion of a main gas pipeline]
Obsluzhivanie lineinoi chasti magistral'nogo gazoprovoda.
Leningrad, Nedra, 1965. 146 p. (MIRA 18:4)

AVERBUKH, Anatolii Yakovlevich; SOPOVA, Aleksandra Semenovna;
BAL'YAN, Kh.V., nauchn. red.; SEGAL', Z.G., ved. red.

[What can be obtained from gas] Chto poluchaiut iz gaza.
Leningrad, Nedra, 1965. 175 p. (MIRA 18:5)

PETROV, Vladimir Petrovich; NECHAYEV, M.A., nauchn. red.; SIGAL',
Z.G., ved. red.

[Gas fuel in agriculture] Gazovoe toplivo v sel'skom kho-
ziaistve Leningrad, Nedra, 1965. 156 p.
(MIRA 18:9)

ZHIGALOVA, Irina Mikhaylovna; BRENTS, A.D., nauchn. red.;
SEGAL', Z.G., ved. red.

[Economics of the long-distance transportation of gas]
Ekonomika dal'nego transporta gaza. Leningrad, Nedra,
1965. 155 p. (MIRA 18:10)

GRINBERG, Iosif Grigor'yevich; SUKHININ, Vladimir Georgiyevich;
SEGAL', Z.G., vedushchiy red.

[North-Ustyurt key well 1.] Severo-Ustiurtskaia opornaia
skvazhina 1. Leningrad, Nedra, 1965. 147 p. (Leningrad. Vsesoyuz-
nyy neftianoi nauchno-issledovatel'skii geologorazvedochnyi
institut. Trudy, no. 241) (MIRA 18:12)

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SOURCE CODE: UR/0398/66/000/002/A017/A017

AUTHOR: Segal, Z. B.

TITLE: Determination of resultant speeds in the range of a cycloidal propeller with finiteness of blade length considered

SOURCE: Ref. zh. Vodnyy transport, Abs. 2A103

REF SOURCE: Sb. Ekon. i organiz. perevozok. Sudostr. i sudoremont. M.-L., Transport, 1965, 77-86

TOPIC TAGS: propulsion device, propulsion engineering, propulsion R and D, propulsion research facility, propulsion system test, ship component, magnetohydrodynamics

ABSTRACT: The eddy diagram for a lightly loaded cycloidal propeller with a finite blade length and arbitrary function of circulation of the associated eddy is reviewed. The expressions for resultant speeds are integrated for some special cases, design formulas are obtained, and the numerical results are cited. The design values for the resultant speeds are compared with experimental data obtained using the magneto-hydrodynamic analogy (MAGDA) installation in the Leningrad Water Transportation Institute. 5 figures. Bibliography of 6 titles. [Translation of abstract]

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Card 1/1

UDC: 629.12:532.582.5.039

KAZARINOV, V.P., otv.red.vypuska; ROSTOVTSSEV, N.N., glavnyy red.; SEGAL', Z.G., vedushchiy red.; GURARI, F.G., zamestitel' glavnogo red.; AMSHINSKIY, N.N., red.; DERBIKOV, I.V., red.; KALUGIN, A.S., red.; MALIKOV, E.N., red.; MIKUTSKIY, S.P., red.; SUKHOV, S.V., red.; TESLENKO, Yu.V., red.; UMANTSEV, D.F., red.; GAVRILOVA, N.V., red.; SAFRONOVA, I.M., tekhn. red.

[Geology and prospects for finding oil and gas in the northwestern part of the Siberian Platform.] Geologicheskoe stroenie i perspektivy neftegazonosnosti severo-zacada Sibirskoi platformy. Leningrad, Gostoptekhnizdat, 1963. 183 p. [Trudy Sibirskogo nauchno-issledovatel'skogo instituta geologii, geofiziki i mineral'nogo syr'ya, no.28.] (MIRA 16:11)

BUGAYLO, V.A.; SEGAL', Z.Ya.; TOPORKOV, D.D.

Results of geophysical and geological prospecting for magnetites
in the Turgay Gates. Izv. AN Kazakh.SSR. Ser.geol. no.4:3-18
'61. (MIRA 15:3)

(Turgay Gates--Magnetite)

SEGAL-LEIBA, S.

RUMANIA./Human and Animal Physiology (Normal and Pathological)
Adrenal.

T-7

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74978

Author : Pitis, M., Stanescu, V., Segal-Leiba, S., Searlat, R.

Inst : -

Title : Estrogenic Function of Adrenals and Its Role in the Endo-
crinopathies in Children.

Orig Pub : Studii si cercetari endocrinol. Acad. RPR, 1956, 7, No 1,
7-17.

Abstract : No abstract.

Card 1/1

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SEGAL-LEIBA, S.
PITIS, M.; STANESCU, V.; SEGAL-LEIBA, S.; SCARIAT, R.

Investigations on hyperestrogenism in the adiposo-genital syndrome.
Rumanian M. Rev. 1 no.2:59-70 Apr-June 57.

(FROEHLICH SYNDROME, physiol.

adrenal glands & hyperestrogenism)

(ESTROGENS, metab.

hyperestrogenism in Floehlich synd.)

RUMANIA/Human and Animal Physiology. Internal Secretion.
Sex Glands.

T-8

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55936.

Author : Pitish, Marchela; Stenesku, V.; Segrul-Layba, Sara;
Skarlat, R.

Inst :

Title : Studies on the Hyperestrogeny of the Adiposo-Genitalic
Syndrome.

Orig Pub: Rumynsk. med. obozreniye, 1957, 1, No 2, 66-78.

Abstract: No abstract.

Card : 1/1

Segal-LEIBA S.
PARHON, C.I.; PITIS, Marcella; STANESCU, V.; SEGAL, Leiba; IONESCU, V.

Considerations on 12 cases of Cushing's syndrome occurring in
childhood or adolescence. Rumanian M. Rev. 1 no.3:60-69 July-Sept 57.
(CUSHING SYNDROME, in inf. & child
in child. & adolescents)

SEGAL-LEIBA, S.

RUMANIA / Human and Animal Physiology. Inner Secretion.

T-7

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3571

Author : Parhon, C. I.; Pitis, M.; Stanescu, V.; Segal-
Leiba, S.; Ionescu, V.

Inst : Rumanian Academy

Title : Report on 12 Cases of Cushing's Syndrome in Children
and Adolescents

Orig Pub : Studii si cercetari endocrinol. Acad. RPR, 1957, 8,
No 2, 133-151

Abstract : No abstract given

Card 1/1

52

SEGAL-SORKINA, E. Z.

Sorkin, A. Z. and Segal-Sorkina, E. Z. - "The diagnostic and prognostic value of the serum-coagulation reaction by Vel'tman in tuberculosis of the bone in children," Trudy Ob"edin. nauch. sovetov pri Upr. Yevpator. kurorta, Vol. VII, 1948, p. 131-35

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949.)

SEKULOVICH, A. S.

42742. ROZOVSKAYA, S. E. i SEKULOVICH, A. S. Antighibernatsionnyye Operatsii Pri
Yakom Pole Treniya.--V Oj: A. S. Sekulovich. Otkrytyy Zhurnal, 1948, No 3, s 134-38

30: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

SEGALEVICH, A. Ye.

"Softening Agents for Mixtures of Sodium-Butadiene Rubber," Kauchuk i Rezina, 1941,
No. 6, pp4-8.

GERALDSON, A. No.

"On Interaction of Diazoacetic Ester with Stannic Chloride and Ferric Chloride," Iz. Ak. Nauk SSSR, Otdel. Khim. Nauk, No. 1, 1942. Fbrl, Lab. Metallo-Organic Compounds, Inst. Organic Chemistry, Dept. Chem. Sci., Acad. Sci., -1942-.

SEGALOVICH, A. Ye. 30

Softening agents for mixtures of sodium-butadiene rubber. A. B. Segalovich. *Kauchuk i Rezina* 1941, No. 6, 4-8; *Chem. Zvest.* 1942, 11, 2331-2. The effects of more than 100 softening agents in mixts. prepd. from butadiene rubber were investigated. In this work, the effects both on the properties of the raw mixts. and on the properties of the mixts. after vulcanization were studied. Seven softening agents gave particularly good results: (1) a polymerized naphtha-resin product, prepd. by polymerization of unsatd. compds. from the reaction of light oil and $AlCl_3$, imparted considerable tackiness, aided the processing of the raw mixt., and improved the mech. properties of the vulcanizate before and after aging; (2) the fural ext. from the purification of naphtha oils improved processing and the mech. properties after vulcanization; (3) the ext. from the purification of petroleum with propane and cresol improved processing and the mech. properties of the vulcanizates; (4) soft asphalt, and Ischimba asphalt improved processing and the mech. properties of the vulcanizates, including the heat resistance of the latter; (5) soft asphalt from Rimagulin, Diba-Fibat and Gorjki; (6) polymers from the oxidative cracking of Dubrowaja were of particular interest because of improved resistance to abrasion of the vulcanizates; (7) esterified castor oil.

C. C. Davis

458.55.4 METALLURGICAL LITERATURE CLASSIFICATION

С. ГАЙДУК, А. №.

Cand. Tech. Sci.

Dissertation: "Active Plasticizers for the Rubber Mixtures of Synthetic Sodium-Butadiene Rubber." Moscow Inst of Fine Chemical Technology imeni M. V. Lomonosov, 13 Oct 47.

SO: Vechernyaya Moskva, Oct, 1947 (Project #17836)

~~Segale, R. F.~~ SEGALOVICH, A. Ye.

15
Vulcanization accelerator, O. M. Chernov, Ts. N.
Geller, A. S. Galanov, V. O. Mu'kov, and A. R. Segal

4230-1

A.E. SEGALYEVICH

15 15
An investigation of plasticizers which activate fillers in rubber mixes. A. E. Segalovich. Khim. Prom. 1956, 333-8. Rubber plasticizers are divided into the weakly polar asphalt-bitumen group, contg. functional groups, which enter into structural combination with fillers, improving thereby the mech. properties of the products; and inactive plasticizers, which act simply as diluents, pro-

in optimum
dispersing C black in rubber

W. M. Sternberg

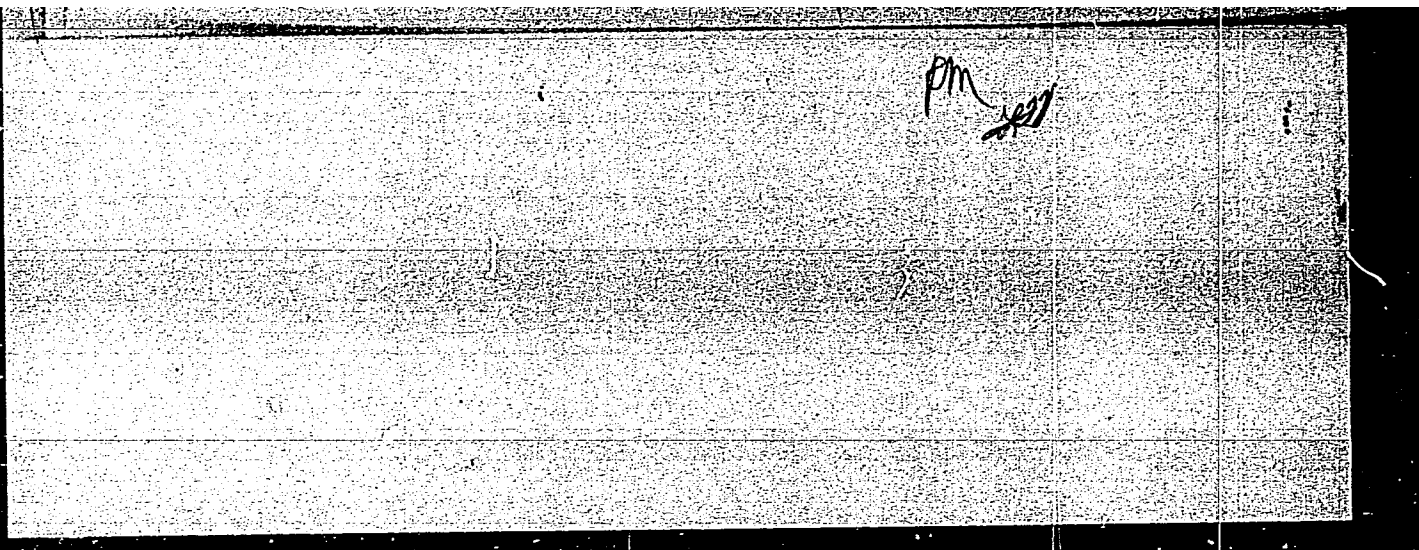
PM

Segalevich, H. L.

8198 (Rubber) Investigation of Polymerization of
Filler Action in Rubber Mixtures. Investigation of
aktivirovaniye khimicheskimi delstvami v rezine i kachestva

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001547710001-5



APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001547710001-5"

SEGALEVICH, A. YE.

31978

S/081/61/000/023/053/061
B106/B101

11.2230

AUTHORS: Betts, G. E., Gubenko, I. B., Karmin, B. K., Lukashevich, I. R.,
Markova, L. M., Segalevich, A. Ye., Troitskaya, N. I.,
Chernozhukov, N. I., Guseva, V. I.

TITLE: Test of petroleum products as plasticizer fillers for rubber
compounds from divinyl styrene rubber. Communication I

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1961, 560, abstract
25P346. (Tr. N.-i. in-ta shin. prom-sti, sb. 5, 1960, 5-20)

TEXT: For the purpose of examining the possibility of enlarging the raw
material basis for the production of olefin rubber, a study has been made
of the effect of paraffin-naphthene hydrocarbons (I) and aromatics (II),
isolated from different kinds of petroleum at different stages of
processing, on the physicochemical properties of standard rubbers from
[AC-30A (SKS-30A)]. Addition of I and II in an amount of 35% to a mixture
of rubber and softener deteriorates the physicochemical properties of
vulcanizates and enhances their elasticity. The tensile strength of rubber
containing I drops from 274 (standard rubber) to 173 - 226 kgf/cm² while

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31973
S/061/61/000/023/053/061
B106/B101

Test of petroleum products...

its tear resistance drops from 81 to 47 - 54 kgf/cm. The tensile strength of rubber containing II drops to 200 - 245 kgf/cm² and its tear resistance to 52 - 64 kgf/cm. The thermal stability and the bonding strength of doubled rubbers decrease substantially after vulcanization. High-molecular products of comparatively higher viscosity deteriorate the strength properties of rubber less than do low-molecular ones. A test of 29 products, obtained from differently processed petroleum asphalts, deasphalted products, distillates, and raffinates, have shown that the most interesting of these products are a deasphalted petroleum asphalt, the residual high-viscosity oil, a secondary raffinate, and an aviation tar. These products ensure satisfactory physicomechanical properties, elasticity, and brittleness temperature (-50 °C) of vulcanizates. [Abstracter's note: Complete translation.] ✓

Card 2/2

Segalevich, P. R.
5
6
422
Vat printing dyes. N. P. Batsyn, P. R. Segalevich, T.
An. Mel'nikova, M. I. Smirnov, and A. N. Terekhov.
U.S.S.R. 184,538, Aug. 25, 1957. Printing dyes are made
from a vat dye, reducing agent, alkali, and thickener. As
thickener, the filtrate of grain and potato lees from alc.
production is used. It is evapd. in vacuo and neutralized
with an alkali. M. Hirsch

PESIN, L.M.; KOTRELEV, V.N.; ZARUBITSKIY, A.Ye.; SEGALEVICH, F.Ye.

The influence of some melamine impurities on its condensation
with formaldehyde. Zhur. prikl. khim. 31 no.1:146-148 Ja '58.
(MIRA 11:4)

(Melamine) (Condensation (Chemistry))
(Formaldehyde)

SEGALEVICH, N. A.

AUTHORS: Ionova, T. V., Usina, E. V., 8/183/60/000/01/010/031
Mogilevskiy, Ye. M., Rogovin, L. A. 2004/3014
Segalovich, N. A.

TITLE: The Effect of the Composition of the Avivage on the Strength of the Linkage Between Tire Cord and Rubber

PERIODICAL: Khimicheskoye volokna, 1960, Nr 1, pp 30-31 (USSR)

TEXT: This paper is intended to explain the problem as to whether the application of the avivage to tire cord strengthens the adhesion between the latter and the rubber impregnation, or whether the avivage applied to the cord diffuses through the impregnating film and changes the contact between the latter and the rubber. The experiments were performed with a special viscose monofilament and 14V viscose cord. The fibers were treated with the avivages Haverol and Avirol, and a simultaneous experiment was conducted without an avivage. The specimens were impregnated with latex albumin, and the strength of linkage of the specimens with SEB rubber was determined from the loosening of fibers under static and repeated compression. Table 1 shows that in the case of both specimens (monofilament and cord) the linkage with the rubber is loosened by avivage, especially in the case of Avirol. Next, the authors studied the diffusion of Avirol prepared by sulfonation of butyl oleate with radioactive

Card 1/2

sulfuric acid. The accompanying diagram of the measured radioactivity illustrates that Avirol diffuses through the impregnating film (latex albumin or latex resorcinol formaldehyde). There are 1 figure, 1 table, and 5 references, 3 of which are Soviet.

ASSOCIATION: VNIIV (Vsesoyuznyy nauchno-issledovatel'skiy institut
ishustvennogo volokna - All-Union Scientific Research Institute
for Synthetic Fibers) NIIKBP (Nauchno-issledovatel'skiy institut
khimoy promyshlennosti - Scientific Research Institute of the
Tire Industry)

Card 2/2

VALETOV, V.V.; VESNIK, M.I.; GONCHAROV, I.S.; DMITROV, D.V.; LUNEV, A.A.;
MOKIN, M.I.; NESTEROV, S.N.; SMIRNOV, V.P.; ALEKSEYEV, S.A., re-
tsenzent; KARKAZOV, A.G., retsenzént; KONDRATOVICH, V.M., retsen-
zent; LEVIN, B.M., retsenzent; MALIKOV, A.N., retsenzent; SEGALE-
VICH, S.M., retsenzent; SHPAGIN, A.I., retsenzent; SHTERN, L.T.,
retsenzent; YAKOBI, A.A., retsenzent; TIKHANOV, A.Ya., tekhn. red.;
CHERNOVA, Z.I., tekhn. red.

[Establishing norms for the consumption of materials in machinery
manufacture; manual] Normirovanie raskhoda materialov v mashino-
stroenii; spravochnik. Pod red. V.V.Valetova. Moskva, Gos. nauchnc-
tekhn. izd-vo mashinostroit. lit-ry. Vol.1. 1961. 583 p.
(MIRA 15:2)

(Machinery industry)

SEGALIN, V. G.

"On the Theory of the Synthesis of Farallel Corrective Devices of the Passive Type. Analytical Method of Finding the Operators (Transmission Functions) of Corrective Devices and a Comparative Analysis of the Systems for the Correction of Linear Autoregulated and Tracer Systems." Cand Tech Sci, Moscow Order of Labor Red Banner Higher Technical School imeni Bauman, Min Higher Education USSR, Moscow, 1955. (KL, No 15, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

SEGALIN V.G.

109-7-5/17

AUTHOR: Segalin, V.G.

TITLE: Certain Problems in the Simplified Analysis of the Transient Phenomena ~~Produced~~ in Linear Networks by Frequency Modulated Input Signals. (~~Nekotoryye~~ voprosy uproshchennogo rassmotreniya perekhodnykh protsessov, vozbuzhdayemykh v lineynykh tsepyakh chastotnoy modulyatsiyey vkhodnogo signala)

PERIODICAL: Radiotekhnika i Elektronika, 1957, Vol.II, No 7, pp.856-869 (USSR)

ABSTRACT: The transient response of linear networks excited by frequency modulated input signals is as yet an unexplored field. An attempt is made, therefore, to give an approximate method of analysis which will be suitable to the investigation of simple networks and which may be of some theoretical as well as practical interest. It is assumed that the input signal to a linear network is in the form:

$$u_{sx} = U_m \sin \alpha = U_m \sin \int_0^t \Omega_{sx} dt ,$$

where U_m is the amplitude of the signal and Ω_{sx} is a certain integrable and differentiable time function which represents the instantaneous frequency of the input signal.

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109-7-5/17

Certain Problems in the Simplified Analysis of the Transient Phenomena Produced in Linear Networks by Frequency Modulated Input Signals.

The output signal is assumed to be in the form:

$u_{\text{out}} = U_{\text{cm}} \sin(\alpha + \psi)$, where U_{cm} and ψ are certain time functions fulfilling the same conditions as the previous ones, and

$$\psi = \psi_0 + \int_0^t \varphi dt. \quad \psi \text{ is the instant-}$$

aneous phase shift. ψ_0 is the phase shift between the input and output signals for $\Omega_{\text{ex}} = \text{const.}$ If a linear passive network (a quadripole) has an amplitude transfer function of the type given by Eq. (4), then the phase shift of its output signal can be expressed by :

$$\psi = \psi_0 + \beta = \arctg \frac{A}{B} - \arctg \frac{F}{C}, \text{ and its instantan-}$$

eous frequency by:

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109-7-5/17

Certain Problems in the Simplified Analysis of the Transient Phenomena Produced in Linear Networks by Frequency Modulated Input Signals.

$$\varphi = \frac{d}{dt} \arctg \frac{A}{B} - \frac{d}{dt} \arctg \frac{F}{C}, \text{ where } A, B, C \text{ and}$$

F are time functions to be defined for each particular network. A simple RC system is first considered (see Fig.1). For this case the output phase shift is given by Eq.(14) and the output frequency by Eq.(21). The transmission properties of such a system for a frequency modulated input signal can be expressed by means of the so-called frequency transfer function which can be defined as :

$$\varphi(p)/\Omega_{sx}(p) = K_y^*(p). \text{ For the above RC network this is expressed by Eq.(26) in which } T^* = \frac{T}{1 + \beta_0^2}; \beta_0 = \Omega_0 T.$$

Similarly it is shown that the phase shift, the instantaneous modulation frequency and the frequency transfer coefficient of a simple differentiating circuit (see Fig.3) are given by Eqs.(32), (35) and (39) respectively. Similar expressions for more complicated RC networks are given in Tables 1 and 2 (see rows 3, 4 and 5). On the basis of the above analysis it

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109-7-5/17

Certain Problems in the Simplified Analysis of the Transient Phenomena Produced in Linear Networks by Frequency Modulated Input Signals.

is concluded that if the amplitude transfer coefficient of a quadripole is of the type given by Eq.(5) its frequency transfer coefficient can be expressed by Eq.(40). The above is valid for the case having small amplitude changes of the frequency modulated signal.

There are 2 tables, 7 figures and 3 references, 2 of which are Slavic.

SUBMITTED: August 10, 1956.

AVAILABLE: Library of Congress.

Card 4/4

SEGALIN, V. G.

103-2-4/9

AUTHOR: Segalin, V. G. (Moscow)

TITLE: ~~The Analytical Formulation of the Synthesis Problem of Automatic Controllers in Linear Servo-Systems~~ (Ob analiticheskoy formulirovke zadachi sinteza korrektiruyushchikh ustroystv v lineynykh sistemakh)

PERIODICAL: Avtomatika i Telemekhanika, 1958, Vol. 19, Nr 2, pp. 148-161 (USSR)

ABSTRACT: The author tries to formulate analytically the problem of synthesis in a general form. Generalized equations of the transmission functions of automatic controllers are deduced. This is done on the condition that these formulae take into account the demands with respect to the figure of merit (Reference 7), as well as the characteristic features of the invariable part of the system imposed to the automatic controller. The basic result of the present work are the obtained analytical expressions of the transmission functions of automatic controllers in a generalized form. Practically all circuit diagrams for automatic controllers known in tech-

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103-2-4/9

The Analytical Formulation of the Synthesis Problem of Automatic Controllers in Linear Servo-Systems

nical literature were investigated in variants with a consecutive correction, a direct coupling and a back feeding. The method developed here can also be extended without any difficulties to such cases which do not correspond with those investigated here. The following limitations are imposed on the class of system investigated: 1) The control system and the automatic controllers to be introduced into it must consist of linear members with lumped constants. 2) The system members must have a detector effect (rectifying action). - All formulae obtained herein can be realized in the form of active and passive corrective fourpoles (corrective network) and even in the form of a combination of them. Finally an example for the solution of the synthesis problem is given. There are 2 figures, and 10 references, 9 of which are Slavic.

SUBMITTED: January 12, 1957

AVAILABLE: Library of Congress

Card 2/2

1. Automatic controllers-Mathematical analysis

SEGALIN, V.G., kandidat tekhnicheskikh nauk.

The use of radioactive rays in the coal industry. Ugol' 31 no.4:
25-29 Ap '56. (MLRA 9:7)

1.Vsesoyuznyy ugol'nyy institut.
(Gamma rays--Industrial applications)(Automatic control)

21(8)

Издательство "Атомиздат" (Москва, Ленинградский пр. 29, Б-10)
1950 copies printed.

Sponsored by: USSR Academy of Sciences, Academy of Sciences of the USSR, Ministry of Atomic Energy, and Akademicheskaya shkola SSSR.
Editorial Board of Sci. V.I. Dikunin, Academician (Resp. Ed.), N.K. Shumilovskiy (Deputy Resp. Ed.), Yu. G. Zaslavskiy (Deputy Resp. Ed.), L.K. Zolotarev, S.T. Maslov, L.I. Petukhov, and N.D. Zolotarevskaya (Secretary).

Ed. of Publishing House: P.K. Belyanin; Tech. Ed.: T.P. Polunova.
PURPOSE: This book is intended for specialists in the field of machine and instrument manufacture who use radioactive isotopes in the study of materials and processes.

CONTENTS: This collection of papers covers a very wide field of the application of tracer methods in industrial research and control techniques. The topic of this volume is the use of radioisotopes in the machine and instrument-manufacturing industry. The techniques in the papers discuss the applications of radioisotopes and instruments in the study of metals and alloys, problems of defects in metals, action, metal cutting, engine performance, problems of defects in the action of industrial processes, testing and measuring devices, quality control, flowmeters, spurs represent contributions of various Soviet institutions and laboratories. They were published as transactions of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science, April 1-12, 1957. No personalities are mentioned. References are given at the end of most of the papers.

Chernyakova, R.B. Method for Estimating the Degree of Degradation of Metals 108

Gulyayev, B.B., Yu.I. Dopyayev, L.M. Potinov, O.K. Mestitskiy. Study of the Processes of Cast Formation in Sand Molds 112

Vikhina, A.I. (Central'nyy nauchno-issledovatel'skiy institut Chernoy Metallurgii - Central Scientific Research Institute of Ferrous Metallurgy). Study of the Mechanisms of the Basic Processes in Hot Tin Plating 119

Jordan, G.O., and K.B. Puzan (Nauchno-issledovatel'skiy institut Tsentrallyy Gosplan pri Gosstatiznami - Scientific Research Institute of State-Plan Instruments). Use of Nuclear Radiation for the Measurement of Heat-Power Parameters 124

Verbovskiy, B.I., V.A. Solov'ev, and V.Y. Yeliseyev (Prikladnyy institut imeni P.M. Lavrova - Applied Institute of Science, USSR). Reduction of Errors in Measurements Performed with Scintillation Counters 127

Konchikova, V.A. (Prikladnyy institut imeni P.M. Lavrova - Institute of Science, USSR). Radiation in Analytical Methods 134

Afanas'yev, Y.M. Automation of Measurements and Recording of Radioactive Radiation Intensity 140

Talichkin, V.G. Study of the Electrical Properties of Ionization Resistors 146

Segalin, V.G., and A.A. Rudakovskiy (Vsesoyuznyy nauchno-issledovatel'skiy institut - All-Union Scientific Research Institute). Use of Radioactive Isotopes in the Automation of Excavating and Drilling Machines 150

Jordan, G.O., and K.B. Puzan (Nauchno-issledovatel'skiy institut Tsentrallyy Gosplan pri Gosstatiznami - Scientific Research Institute of State-Plan Instruments). Measuring the Density of Liquids with Gamma Radiation 153

Segalin, V.G. (Vsesoyuznyy nauchno-issledovatel'skiy nauchno-issledovatel'skiy institut - All-Union Scientific Research Institute). Gamma Rays with Crystal Tridodes 154

356411/11/6

SEGALIN, V. G.

89-1-17/29

AUTHORS:

Segalin, V. G., Rudanovskiy, A. A.,

TITLE:

The Stabilization of the Motion of Working - and Extracting
Machines by Radioactive Methods (Stabilizatsiya dvizheniya pro-
khodcheskikh i **dobychnykh** mashin s pomoshch'yu radioaktivnykh
metodov)

PERIODICAL:

Atomnaya Energiya, 1958, Vol. 4, Nr 1, pp. 88-90 (USSR)

ABSTRACT:

In the interest of the automation of the coal industry it is also
of importance to automatize the motions of extracting-, working-,
and transporting machines. Three possibilities of automation con-
trol have been considered, in the case of which the machines re-
main in operation only whenever there is coal. As a control
transmitter a μ -source, and as a receiver a counting tube is
used.

- I. Stabilization by a free standing linear contact "rock-coal".
- II. Stabilization by a free-standing band-shaped contact "rock-
coal".
- III. Stabilization by a covered contact "rock-coal".

For all varieties mentioned the following was attained with re-
spect to the use of devices of automation: For case I: If the
counting tube operates within the proportional domain, the coal-
band is maintained with an accuracy of $\pm 0,5$ cm. For case II:

Card 2/ Card 1/2

SEGALIN, Vladimir Grigor'yevich; SMIRNOV, A.A., otv.red., retsenzent;
LYUBIMOV, N.G., red.izd-va; SABITOV, A., tekhn.red.; NADEINSKAYA,
A.A., tekhn.red.

[Use of radioactive isotopes for automation in coal mining]
Primenenie radioaktivnykh izotopov dlia avtomatizatsii v ugol'noi
promyshlennosti. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu
delu, 1960. 390 p. (MIRA 13:11)

(Radioisotopes--Industrial applications)
(Coal mines and mining) (Automatic control)

S E G O L I N , V. G.

Report to be presented at the 1st Int'l Congress of the Intl Federation of Automatic Control, 25 Jun-5 Jul 1960, Moscow, USSR.

- LEVIN, A. Ya. - "The application of a self-adjusting system of automatic control"
- MAI, V. S., PEREVALOV, A. M., and KURKOVA, A. - "Industrial telemeasurement systems and digital techniques"
- MYZOV, M. V. - "Some peculiarities of the structure of multi-communications regulation systems"
- MIRAVLOVSKI, V. N. - "Evaluation indexes and the possibility of increasing the quality of telemeasurement systems"
- KHAYKIN, V. V. - "Concerning the problem of established routines in automatic regulation systems"
- KHAYKIN, V. V. - "Principles of construction of digital double code automatic compensators"
- KHAYKIN, V. V. - "Concerning the relation of systems of automatic regulation with the parameters of periodic movements"
- KHAYKIN, V. V., and KURKOVA, A. - "System of automatic control of control of rolled metal on a continuous bar mill with the use of digital calculating machines"
- KHAYKIN, V. V. - "Some principles of organizing systems of complex automation of large scale chemical production and optimization of these systems"
- KHAYKIN, G. M. - "Systems of automatic regulation with intermittent change of parameters"
- KHAYKIN, V. P. - "Statistical synthesis of impulse systems"
- KHAYKIN, V. P. - "The invariant principle and its application in the calculation of linear and nonlinear systems"
- KHAYKIN, V. P. - "The problem of autonomy in the technique of automatic control"
- KHAYKIN, V. P. - "Some problems of synthesis of automatic control non-linear systems"
- KHAYKIN, V. P. - "Method of determining the optimum system with non-linear relation of the observed function with the parameters of the system"
- KHAYKIN, V. P., PETROV, V. V., KORDINOV, R. V., and VOLODIN, E. - "Principles of construction of a single class of extra control systems for automating production processes"
- KHAYKIN, V. P. - "The development of the theory of relay devices in the USSR"
- KHAYKIN, M. A. - "Dynamic characteristics of cores with right angle hysteretic winding and their influence on magnetic boosters"
- KHAYKIN, L. I. - "Various methods of investigating the quality of automatic control systems"
- KHAYKIN, V. M. - "Dynamics of automatic regulation of boiler-turbine units"
- KHAYKIN, M. M., MEL'NIK, L. V., KAMOV, A. A., KEN-CHEN-CHEN, and KURKOVA, A. - "Automatic control of composition of multi-incident mixtures"
- KHAYKIN, E. S. and KHALIL, V. G. - "Some results of work for the utilization of radioactive radiation for automatic control of mining machines"
- KHAYKIN, I. V., BAYKOV, A. M., BAYKOV, V. M., VALDREKOV, Yu. A., KAMOV, P. S., and KORDINOV, A. E. - "Analysis and synthesis of automatic control systems with the aid of calculating machines"
- KHAYKIN, R. I., FITSNER, L. E., and KURKOVA, A. - "Automation of optimizers and their use for solution of variation problems in automatic synthesis systems"
- KHAYKIN, S. V. - "A system of alternating current electric drives with autonomous power supply"
- KHAYKIN, I. M., and KURKOVA, A. - "Apparatus for technical control of production with the use of nuclear radiation"
- KHAYKIN, E. P., and KORDINOV, G. A. - "Methods of organizing the trajectory of roots of linear systems and qualitative determination of type of trajectory"
- KHAYKIN, Ye. Z. - "Elements of the theory of digital automatic systems"
- KHAYKIN, D. B., KASHIKIN, V. A., CHIRIK, Yu. I., and KURKOVA, G. A. - "Static stability of telemeasurement"
- KHAYKIN, V. A. - "Interactions of a mathematical modeling and calculating technology experiment in calculating loads in electrical systems"

SIGALIN, V.G.

"On the Utilization of Radioactive Isotopes for the Automation of Beneficiation Processes."

report presented at the Conference on Beneficiation of Useful Minerals, sponsored by the Learned Council of the IGP, AS USSR, Balakhash/Karagands, 29 Nov - 4 Dec 1960.

SEGALIN, V.G. (Moskva)

Concerning the anomalous phenomenon of the absorption of penetrating radiation by a multilayer substance and use of this phenomenon in automatic control and the instrument manufacturing industry.
Izv. AN SSSR. Otd. tekhn. nauk. Energ. i avtom. no. 5:104-115 S-O '60.

(MIRA 13:11)

(X rays--Industrial applications)

SEGALIN, V.G., kand.tekhn.nauk; RUDANOVSKIY, A.A., inzh.; VASILEVSKIY,
V.L., inzh.

Automatic control of the removal of heavy fractions from jigging
machines by means of radiometric detectors. Izv.vys. ucheb. zav.;
gor. zhur. no.6:105-115 '60. (MIRA 14:5)

1. Institut gornogo dela AN SSSR. Rekomendovana kafedroy obshchey
elektrotekhniki.

(Ore dressing—Equipment and supplies)
(Radioactivity—Measurement)

SEGALIN, V.G., kand.tekhn.nauk; LOTOTSKIY, P.V., inzh.; LIBSON, S.I.,
inzh.

Radiometric system for continuously registering the level
of coal bins and fluid reservoirs. Nlek.sta. 31 no.4:
20-23 Ap '60. (MIRA 13:7)
(Gamma rays--Industrial applications)
(Liquid level indicators)

SEGALIN, V.G.; RUDANOVSKIY, A.A.

Radiation monitor for the automatic control of mining machinery.
Ugol' 35 no.10:36-39 0'60. (MIRA 13:10)
(Coal mining machinery) (Automatic control)
(Gamma rays--Industrial applications)

SEGALIN, V., kand.tekhn.nauk

Application of isotopes in mining engineering. Sov.shakht. 11
no.4:24-26 Ap '62. (MIRA 15:3)
(Radioisotopes--Industrial applications)
(Coal mining machinery)

SEGALIN, V.G.

Conference on the application of radioactive isotopes in coal
and mineral mining industries. Ugol' 37 no.3:65 Mr '62.
(MIRA 15:2)
(Radioisotopes--Industrial applications) (Mining engineering)

SNAGORSKIY, Ye. S., kand. tekhn. nauk; SEGALIN, V. G., kand. tekhn.
nauk; HUDANOVSKIY, A. A., kand. tekhn. nauk

Study of the possibility of using the radiometric method to
control the distance before contact between coal and rock for
purposes of automation of stoping machinery. Mekh. i avtom. v
gornoi prom. no.2:291-304 '62. (MIRA 16:1)

(Radioisotopes—Industrial applications)
(Coal mining machinery) (Automatic control)

^A
SEGLINA, Z. S.

USSR/Chemistry

Card 1/1

Authors : Perekalin, V. V.; and Segalina, Z. S.

Title : About azo-dyes from 1, 5-aminonaphthol and some of its derivatives.
Part 9.- About the hydrogen bond in some peri-oxyazo (hydroxyazo) dyes.

Periodical : Zhur. Ob. Khim. 24, Ed. 4. 683 - 687, April 1954

Abstract : Experiments showed that the hydrogen atom of the hydroxyl group in some peri-hydroxyazo dyes, particularly in the first synthesized simple dye of this series - 8-benzene azo-1-naphthol, is lacking in normal mobility. It was assumed that peri-hydroxyazo dyes have an intramolecular hydrogen bond which explains their specific properties. Seven references; 6 USSR since 1943; 1 USA since 1935. Tables, graphs.

Institution : The A. I. Gertsen State Pedagogical Institute and Leningrad Technological Institute in Leningrad.

Submitted : October 9, 1953

SEGALINA, Z. S.

USSR :

Also from 5-amino-1-naphthol and some of its derivatives. IX. The hydrogen bond in some peri-hydroxyazo dyes. V. V. Perkulov and Z. S. Segalina. *J. Gen. Chem.* U.S.S.R. 24, 691-3(1954) (Engl. translation). See: C.A. 48, 1022.

H. L. H.

W. J. W.

MESKAUSKAS, Viktoras; SEGALIS, Girsas; ZDANYS, Yurgis; JUSKIENE, E.,
red.; ANAITIS, J., tekhn. red.

[Referenc manual on industrial electrotechnology] Pramo-
nines elektrotechnikos žinynas. Vilnius, Valstybine politines
ir mokslines literatūros leidykla, 1962. 341 p.
(MIRA 16:7)

(Electric engineering)

GOLDSTEIN, I.; KAHAN, A.; COTARCEA, S.; ~~SEGALL, A.~~; BUCUR, M.;
ROSIANU, C.; SOLOMON, E.; WEISER, C.; GROZA, M.; STRUTENSCHI, T.

Problem of early diagnosis in rheumatic diseases; changes in
the leukogram and V.S.H. after intradermal injection of
streptococcic antigen. Probl. reumat., Bucur. 4:213-220 1956.

(RHEUMATISM, diagnosis

early diag., intradermal test with streptoc. antigen)

(LEUKOCYTE COUNT, in various dis.

rheum. dis., eff. of inject. of streptoc. antigen, diag.
value of determ.)

(ANTIGENS

streptoc. antigen. inject. in early diag. of rheum.
dis., mechanism of action)

SEGALL, H., ing.

Cells for measuring dielectric losses of transformer oils.
Energetica Rum 11 no.11:579-584 N '63.

SEGALL, M., doktor; KHORVAT, L. [Horvat, L.], doktor; KHOCHOTA, D. [Hocceota, D.], doktor

Importance of audiometric examination in tumors of the cerebellopontile angle; neurinoma of the acoustic nerve. Vest.otorin. 20 no.2:69-74
Mr-Apr '58. (MIRA 12:11)

1. Iz otlaringologicheskogo otdeleniya bol'nitsy No.12 i neyrokhirurgicheskoy kliniki, Bukharest.

(NERVES, ACOUSTIC, neoplasms

neurilemoma, diag. value of audiometry (Rus))

(HEARING TESTS

audiometry, diag. value in acoustic nerve

neurilemoma (Rus))

(NEURILEMMOMA, diag.

ear, value of audiometry (Rus))

SEGALL, M.

Comparative analysis of the quality of low-metric number yarn, produced on carding machines with one and two carding cylinders, using a mixture of coarse fibers. p. 56.

INDUSTRIA TEXTILA. (Asociatia Stiintifica a Inginerilor si Technicienilor din Rominia si Ministerul Industriei Udostre) Bucuresti, Rumania. Vol. 10, no. 2, Feb. 1959.

Monthly Lists of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

L 13134-63

A/DD

BDS/EWT(1)/ES(a)/ES(j)/ES(c)/ES(k) AEDC/AFFTC Pb-4
R/012/62/000/001/001/001

AUTHOR: Neagu, M., Major, Medical Corps, and Segall, S., Major, M. C. 61

TITLE: Prevention and treatment of aerotitis from barochamber and flight

PERIODICAL: Revista Sanitara Militara, v. 58, no. 1, 1962, 111-115

TEXT: Preventive responsibilities of flight surgeons include not only a continuous surveillance of active flight crews for any conditions which might affect Eustachian tube patency, but also indoctrination and detailed examinations at time of first assignment, as well as follow-up and analysis of recurrences. Treatment includes instillations of nasal vasoconstrictors, inhalation of mentholated and balsam tincture; antibiotics (mainly penicillin) as indicated. Stress individual variability in tolerance to barometric changes; many factors including emotional and meteorologic vary response of same man at various times.

Card 1/1

L 63414-65

ACCESSION NR: AP5025243

RU/0012/64/000/005/0781/0787

AUTHOR: Constantinescu, Fl. (Doctor, Colonel, Candidate of medical sciences);
Segall, S. (Doctor, Lieutenant Colonel)

TITLE: Importance of vocal audiometry in the examination of persons working in
noisy environment

SOURCE: Revista sanitara militara, no. 5, 1964, 781-787

TOPIC TAGS: otolaryngology, working condition

ABSTRACT: The authors made a comparative study of vocal versus tonal audiometry in
the examination of the hearing of workers working in noisy surroundings, and found
that a combination of the two types of testing is superior to tonal testing alone. They
suggest that workers for noisy environments be selected on the basis of audio-
metric tests, and that their hearing be rechecked every year. Three case studies
are included.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: LS, GO

NR REF SOV: 000

OTHER: 000

JPRS

Card 1/1 KC

L 30139-66 SCTB DD
ACC NR: AP6020327 SOURCE CODE: RU/0012/65/061/001/0031/0036
AUTHOR: Cristescu, C. (Doctor; Lieutenant colonel); Segall, S. (Doctor; Lieutenant colonel) ²⁴
ORG: none
TITLE: Some problems of vestibular physiopathology related to flights in modern planes
SOURCE: Revista sanitara militara, v. 61, no. 1, 1965, 31-36
TOPIC TAGS: military medicine, flight physiology, vestibular function
ABSTRACT: The authors emphasize the importance of further research in the physiopathology of the labyrinthine analyzer and its operating mechanism, and suggest the concept of a central pathogenesis of the syndrome of vestibular-vegetative hyperexcitability affecting flight personnel. The curative-prophylactic measures suggested are a rational flight program, slowly progressive vestibular demands, relaxation cures and neurotropic medication, as well as inclusion of tests of the vestibular apparatus in the medical entrance examination for flight personnel. Two case histories are included. Orig. art. has: 2 figures. [JPRS]
SUB CODE: 06 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 005
SOV REF: 001

Cord 1/1 *Th*

ENACHESCU, Mariana; SEGALL, Solomon; SION, Cornelia; TEODORESCU,
Vasile; CEAUSU, Valeriu

Psychic compensation of hypoacusia of aeronautic personnel.
Rev psihologie 9 no.2:273-290 '63.